



Exhibitors



Joint Conference

3rd International Conference on

Antibodies, Bio Therapeutics & B2B & Genetic and Protein Engineering

November 08-09, 2017 | Las Vegas, USA

Conference Series LLC Ltd

47 Churchfield Road, London, UK, W3 6AY

Toll Free: +1-800-014-8923

08:30-09:00 Registrations

Conference Hall - Rainbow Room

conference**series**.com 09:00-09:25

Opening Ceremony

Keynote Forum

09:25-09:30 **Introduction**

09:30-10:00 **Title: Digital biomanufacturing supports mAb production**

William Whitford, GE Healthcare, USA

10:00-10:30 **Title: Engineering a 30-year-old intracellular channel: Twitching a voltage sensor with a taste of pharmacology**

Robert M Stroud, University of California San Francisco, USA

Panel Discussion

Sessions:

Antibody Engineering | Antibodies: Medical Applications | Immunotherapy and Immune Checkpoints | Protein Engineering | Genetic Engineering

Session Chair: William Whitford, GE Healthcare, USA

Session Co-Chair: Itai Benhar, Tel Aviv University, Israel

10:30-10:55 **Title: The gene expression evidence-base and its relevance to translational applications including prevention**

Ron L Martin, Nutrigenetics Unlimited, Inc., USA

Panel Discussion

Group Photo

B2B, Networking & Refreshment Break 10:55-11:15 @ Foyer

11:15-11:40 **Title: Nano-assembly of amyloid β peptide: Role of the hairpin fold**

Yuri L. Lyubchenko, University of Nebraska Medical Center, USA

11:40-12:05 **Title: De novo design and characterization of circular tandem repeat proteins**

Barry L Stoddard, Fred Hutchinson Cancer Research Center, USA

12:05-12:30 **Title: BioTethering: A novel approach to engineering therapeutics proteins**

Erik D Foehr, BioTether Sciences, USA

12:30-12:55 **Title: Endotoxin reduction in protein solutions using octyl β -D-1-thioglucopyranoside wash on chromatography media**

Dhanesh Gadre, MedImmune LLC, USA

Panel Discussion

B2B, Meet the Exhibitor & Lunch Break 12:55-13:45 @ Renaissance III

13:45-14:10 **Title: High-level soluble expression, purification and characterization of active human midkine from *Escherichia coli***

Kelly Yan, Novartis Institutes for BioMedical Research, USA

14:10-14:35 **Title: Novel signal peptides improve the secretion of recombinant *Staphylococcus aureus* Alpha toxin_{H35L} in *Escherichia coli***

Soojin Han, MedImmune LLC, USA

14:35-15:00 **Title: Histocompatibility leukocyte antigens specific antibodies: Characteristics, detection, and clinical relevance**

Andrew L Lobashevsky, Indiana University, USA

15:00-15:25 **Title: A modular platform for targeted RNAi therapeutics using biologically-lipidated antibodies**

Itai Benhar, Tel Aviv University, Israel

15:25-15:50 **Title: ProxiMAX randomization: Precision antibody engineering**
Anna V Hine, Aston University, UK

15:50-16:15 **Title: Design of PDZ domain specificity**
Ernesto J Fuentes, University of Iowa, USA

Panel Discussions

B2B, Meet the Exhibitor, Networking & Refreshment Break 16:15-16:45 @ Foyer

16:45-17:10 **Title: Polymorphism and asymmetry in crystal structures of three aspartate transcarbamoylase “activated-state” holoenzyme variants: Implications for the mechanism of allosteric control by ATCase**

James A. Endrizzi, SuperNova C, USA

17:10-17:35 **Title: Improved illumina sequencing by polymerase engineering**

Seth McDonald, Illumina, Inc., USA

17:35-18:00 **Title: Immunological detection of antibiotic residues using antibody engineering**
Xiaoying Zhang, Northwest Agriculture and Forestry University, China

18:00-18:25 **Title: Engineering Tn5 transposase enzyme to improve DNA sequencing library preparation**

Amirali Kia, Illumina Inc., USA

Panel Discussions

Young Research Forum

18:25-18:45 **Title: PD-L1 assays: An update on FDA-approvals and uses with companion immunotherapies**

Steven Alexander Mann, Indiana University School of Medicine, USA

18:45-19:05 **Title: Mathematical modeling of purified L-asparaginase activity from axenic cultures of *Actinobacteria* isolated from the Arauca riverbank**

Estefanía Arévalo-Tristancho, University of La Sabana, Colombia

Panel Discussion

Day 2 November 09, 2017

Conference Hall - Rainbow Room

Keynote Forum

10:00-10:30 **Title: Intrinsically disordered proteins link alternative splicing and post-translational modifications to complex cell signaling and regulation**

A Keith Dunker, Indiana University, USA

10:30-11:00 **Title: The protein folding problem: An optimization approach**

Abdellah Salhi, University of Essex, UK

Panel Discussions

B2B, Meet the Exhibitor, Networking & Refreshment Break 11:00-11:20 @ Foyer

Sessions:

Antibody Engineering | Antibodies: Medical Applications | Immunotherapy and Immune Checkpoints | Antibody Drug Therapy | Bio Therapeutics: Novel Formulation and Delivery Approaches | Protein Engineering | Genetic Engineering

Session Chair: Christopher H Gray, CRUK Beatson Institute, UK

Session Co-Chair: Karen Bunting, Alumedix Ltd, UK

11:20-11:45 **Title: Engineering linkage-specific polyubiquitin antibodies as tools for elucidation of novel signaling pathways**

Marissa L Matsumoto, Genentech, Inc., USA

11:45-12:10 **Title: A rationally designed mutant of plasma platelet-activating factor acetylhydrolase hydrolyzes the organophosphorus nerve agent soman**

Stephen D Kirby, U.S. Army Medical Research Institute of Chemical Defense, USA

12:10-12:35 **Title: Harnessing and enhancing the natural properties of albumin as a drug carrier by rational protein engineering**

Karen Bunting, Alumedix Ltd., UK

12:35-13:00 **Title: Accelerating protein production: High efficiency tags, fusions and automated purification**
Christopher H Gray, CRUK Beatson Institute, UK

Panel Discussion

B2B, Meet the Exhibitor & Lunch Break 13:00-13:50 @ Renaissance III

13:50-14:15 **Title: Purification and characterization of antibody therapeutics: Challenges and solutions during lead candidate selection**
Haiyan Jiang, Janssen BioTherapeutics, USA

14:15-14:40 **Title: Antibody development updates for users of bio-layer interferometry kinetics comparison to SPR and high-throughput quantitation of bioprocess residuals**
Jeff Mihailoff, Pall ForteBio LLC, USA

14:40-15:05 **Title: Developing and manufacturing the next generation of bioconjugates**
Thomas Rohrer, Lonza Pharma & Biotech, USA

15:05-15:30 **Evolution of Bt proteins overcomes Bt resistance in insects**
Victor Guzov, Monsanto Company, USA

15:30-15:55 **Title: Predicting, avoiding and mitigating risk of failure when developing biotherapeutics**
Yvette Stallwood, Lonza Biologics, UK

15:55-16:20 **Title: Antibodies against retinal antigens as promising options for diagnosis and treatment of neurodegenerative diseases such as Glaucoma**
Franz Grus, Johannes Gutenberg University, Germany

Panel Discussions

B2B, Meet the Exhibitor, Networking & Refreshment Break 16:20-16:50 @ Foyer

16:50-17:15 **Title: ProxiMAX and MAX randomization: Precision protein engineering**
Anna V Hine, Aston University, UK

17:15-17:40 **Title: Antibody hit discovery using yeast surface display**
Stefan Zielonka, Merck KGaA (EMD Serono), Germany

17:40-18:05 **Title: The value of the serum antibodies detection for the diagnosis of human hydatidosis**
Lia Monica Junie, Iuliu Hatieganu University of Medicine and Pharmacy, Romania

18:05-18:30 **Title: Association mapping for drought tolerance and fruit yield in cultivated and related species of tomato (*solanum* spp.)**
D L Savithramma, University of Agricultural Sciences, India

Panel Discussion

Poster Sessions 18:30-19:00 @ Foyer

P 01 **Comparison of three human B cell isolation tools for the development of the antibodies neutralizing emerging infectious viruses**

Hansaem Lee, Korea Centers for Disease Control & Prevention, Republic of Korea

P 02 **Selection and characterization of MERS-CoV spike antibodies from Korean MERS recovered proteins**

Hye-Min Woo, Korea Centers for Disease Control & Prevention, Republic of Korea

P 03 **Integrated workflow for rapid and low-cost affinity purification of recombinant proteins**

Robert Snyder, Proteios LLC, USA

P 04 **Characterization of the Bgs13 protein's role in the super-secretion of recombinant peptides in the yeast *Pichia pastoris***

Geoff P Lin-Cereghino, University of the Pacific, USA

P 05 **Repurposing dasatinib for ibrutinib-resistant diffuse large B-Cell lymphoma**

Sandeep Mittan, Columbia University Medical Center, USA

P 06 **Production of enzymatically active human SKIP for the development of tools to study phosphatidylinositol signaling pathways**

Somer L Doody, Innovabio, USA

Panel Discussion

Award Ceremony & Best Poster Award Sponsored by Pall ForteBio LLC

Exhibition Timings

Starts at 09:00

Ends at 19:00

Thanks giving & Closing Ceremony